Montana Department of Natural Resources and Conservation
Water Resources Division
Water Rights Bureau

ENVIRONMENTAL ASSESSMENT
For Routine Actions with Limited Environmental Impact

Part I. Proposed Action Description

1. *Applicant/Contact name and address:* Drescher Family Trust et al, 133 Via Baja, Ventura CA 93003-1232

2. *Type of action:* Application for Beneficial Water Use Permit 76LJ 30066198

3. *Water source name:* Flathead Lake

4. *Location affected by project:* Lot 3 Conrad Point Villa in the NW¼NW¼NE¼ of Section 20, Township 26N, Range 20W, Flathead County.

5. *Narrative summary of the proposed project, purpose, action to be taken, and benefits:* The DNRC shall issue a water use permit if an applicant proves the criteria in 85-2-311 MCA are met.

   The applicant proposes to divert water from Flathead Lake, by means of a submersible pump, from April 15 through October 15 at 22.5 GPM up to 0.53 AF, from a point in the NW¼NW¼NE¼ of Section 20, Township 26N, Range 20W, for domestic lawn and garden irrigation use on 0.25 acres from April 15 through October 15 annually. The place of use is generally located on Lot 3 of Conrad Point Villa in the NW¼NW¼NE¼ of Section 20, Township 26N, Range 20W, Flathead County approximately 2.5 miles from Lakeside above the northern boundary of the Flathead Reservation.

6. Agencies consulted during preparation of the Environmental Assessment:
   (include agencies with overlapping jurisdiction)

   Montana Natural Heritage Program
   Natural Resources and Conservation Service soil maps
   Montana Department of Environmental Quality
   United States Fish and Wildlife Wetland Mapper

Part II. Environmental Review

1. Environmental Impact Checklist:

PHYSICAL ENVIRONMENT

WATER QUANTITY, QUALITY AND DISTRIBUTION

Water quantity *- Assess whether the source of supply is identified as a chronically or periodically dewatered stream by DFWP. Assess whether the proposed use will worsen the already dewatered condition.*

Determination: The source is not identified as chronically or periodically dewatered by DFWP.

Water quality *- Assess whether the stream is listed as water quality impaired or threatened by DEQ, and whether the proposed project will affect water quality.*

Determination: Flathead Lake is listed by the DEQ as having aquatic life as an impaired use with further data needing to be collected. This impairment seems to be caused by a mixture of sources including upstream impoundments, atmospheric deposition, unspecified urban stormwater and municipal point source discharges. These probable sources bring mercury, nitrogen, phosphorus, polychlorinated biphenyls and sedimentation/siltation to the source. It would seem that this appropriation of domestic lawn and garden use up to 0.53 AF of water with 0.16 AF returning back to source would not likely increase impairment of the source.

Groundwater *- Assess if the proposed project impacts ground water quality or supply. If this is a groundwater appropriation, assess if it could impact adjacent surface water flows.*

Determination: N/A

DIVERSION WORKS *- Assess whether the means of diversion, construction and operation of the appropriation works of the proposed project will impact any of the following: channel impacts, flow modifications, barriers, riparian areas, dams, well construction.*

Determination: The diversion will consist of a Goulds 18GS10 pump with a Franklin 1 HP motor located inside a 6-inch diameter perforated well casing mounted near the end of the dock. A 1-inch transmission main connects to the pump and conveys water between 100 and 230 feet to the various irrigated areas. Total dynamic head to the different zones ranges from 148 feet to 191 feet. The lower, larger irrigation zone includes 7-Hunter gear driven rotor sprinklers equipped with a number seven nozzle. Each nozzle is capable of yielding approximately 3.20 GPM at 43 psi for a net total dynamic head of 153.5 feet equaling 22.4 GPM. Pump and sprinkler specifications included show that the system is capable of delivering and controlling the requested 22.5 GPM.

UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES

Endangered and threatened species *- Assess whether the proposed project will impact any threatened or endangered fish, wildlife, plants or aquatic species or any "species of special concern," or create a barrier to the migration or movement of fish or wildlife. For groundwater, assess whether the proposed project, including impacts on adjacent surface flows, would impact any threatened or endangered species or "species of special concern."*

Determination: The Montana Natural Heritage Program was contacted to determine if there are any threatened or endangered fish, wildlife, plants or aquatic species or any "species of special concern", that could be impacted by the proposed project. They identified the following animal and plant species that are threatened, or have special status, that are located regionally: Wolverine, Fisher, Great Blue Heron, Brown Creeper, Black Tern, Cassin's Finch, Westslope Cutthroat Trout, Pygmy Whitefish, Bull Trout, and Lake Trout. These species are found throughout this region and not necessarily at this particular spot. No immediate impact.

Wetlands - *Consult and assess whether the apparent wetland is a functional wetland (according to COE definitions), and whether the wetland resource would be impacted.*

Determination: This property is not located within a designated wetland boundary.

Ponds - *For ponds, consult and assess whether existing wildlife, waterfowl, or fisheries resources would be impacted.*

Determination: No pond. No impact.

GEOLOGY/SOIL QUALITY, STABILITY AND MOISTURE - *Assess whether there will be degradation of soil quality, alteration of soil stability, or moisture content. Assess whether the soils are heavy in salts that could cause saline seep.*

Determination: The proposed is composed mainly of Kingpoint-McMannamy complex with 8 to 30 percent slopes, lake effect. This soil is well drained with a moderately high to high water transmissivity and is considered nonsaline. No impact to soil quality or aleration of sol stability is expected.

VEGETATION COVER, QUANTITY AND QUALITY/NOXIOUS WEEDS - *Assess impacts to existing vegetative cover. Assess whether the proposed project would result in the establishment or spread of noxious weeds.*

Determination: This is private land and it is ultimately the owner's responsibility to keep noxious weeds under control

AIR QUALITY - *Assess whether there will be a deterioration of air quality or adverse effects on vegetation due to increased air pollutants.*

Determination: No impacts are anticipated.

HISTORICAL AND ARCHEOLOGICAL SITES - *Assess whether there will be degradation of unique archeological or historical sites in the vicinity of the proposed project if it is on State or Federal Lands.*

Determination: N/A – project not located on State or Federal Lands.

DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AND ENERGY - *Assess any other impacts on environmental resources of land, water and energy not already addressed.*

Determination: No other impacts were identified during this EA.

HUMAN ENVIRONMENT

LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS - *Assess whether the proposed project is inconsistent with any locally adopted environmental plans and goals.*

Determination: No inconsistency noted.

ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES - *Assess whether the proposed project will impact access to or the quality of recreational and wilderness activities.*

Determination: No impact expected.

HUMAN HEALTH - *Assess whether the proposed project impacts on human health.*

Determination: No impact expected.

PRIVATE PROPERTY - *Assess whether there are any government regulatory impacts on private property rights.*
*Yes___ No**XXX** If yes, analyze any alternatives considered that could reduce, minimize, or eliminate the regulation of private property rights.*

Determination: No impact.

OTHER HUMAN ENVIRONMENTAL ISSUES - *For routine actions of limited environmental impact, the following may be addressed in a checklist fashion.*

Impacts on:

(a) *Cultural uniqueness and diversity?* None identified.

(b) *Local and state tax base and tax revenues?* None

(c) *Existing land uses?* None

(d) *Quantity and distribution of employment?* None

(e) *Distribution and density of population and housing?* None

(f) *Demands for government services?* None

(g) *Industrial and commercial activity?* None

(h) *Utilities?* None

(i) *Transportation?* None

(j) *Safety?* None

(k) *Other appropriate social and economic circumstances?* None identified.

2. *Secondary and cumulative impacts on the physical environment and human population:*

Secondary Impacts None identified.

Cumulative Impacts None identified.

3. *Describe any mitigation/stipulation measures:* None identified.

4. *Description and analysis of reasonable alternatives to the proposed action, including the no action alternative, if an alternative is reasonably available and prudent to consider:* No reasonable alternatives identified

PART III. Conclusion

1. Preferred Alternative

Project should be completed as explained in application

2 Comments and Responses

3. *Finding:*

*Yes___ No**XXXX** Based on the significance criteria evaluated in this EA, is an EIS required?*

If an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action: Action is properly regulated by other agencies.

Name of person(s) responsible for preparation of EA:

Name: Kathy Olsen
Title: Water Resource Specialist
Date: November 12, 2013